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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			APPLICANT S. Okuno, et al.	
			FILING DATE	EXPECTED GROUP
			January 9, 2004	3617

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
FFJ	AA 4,154,469	5/15/79	Goupy, et al.			
	AB 3,983,962	10/5/76	Torke			
	AC 6,394,000	5/28/2002	Kawasaki, et al.			
	AD 4,715,292	12/29/1987	Pavlick, et al.			
	AE 3,831,997	8/27/1974	Myers			
	AF 6,312,028	11/6/2001	Wilkosz			
	AG 6,263,805	7/24/2001	Taguchi, et al.			
	AH 1,080,024	12/2/1913	Stevens, et al.			
	AI 3,888,502	6/10/1975	Felzer, et al.			
	AJ 4,235,170	11/25/1980	Bauer			
	AK 6,196,135	3/6/2001	Kashima, et al.			
	AL 6,312,038	11/6/2001	Kawamura, et al.			
✓	AM 5,429,388	7/4/1995	Wheatley, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation/ Abstracts	Yes	No
FFJ	AN 1 006 034	6/7/00	EP					X
	AO 199 04 879	8/17/00	DE					X
✓	AP 198 33 935	2/4/99	DE					X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
AR	

Examiner	<i>Franky Jules</i>	Date Considered	<i>10/22/04</i>
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